

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 09/830,693C
Source: 1FW/6
Date Processed by STIC: 5/3/05

ENTERED



IFW16

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/830,693C

DATE: 05/03/2005
TIME: 13:25:36

Input Set : A:\0610400013seq.txt
Output Set: N:\CRF4\05032005\I830693C.raw

3 <110> APPLICANT: Shiau, Andrew
4 Kushner, Peter
5 Agard, David
6 Greene, Geoffrey
8 <120> TITLE OF INVENTION: Methods and Compounds for Modulating Nuclear Receptor

Activity

10 <130> FILE REFERENCE: 061040-0013
12 <140> CURRENT APPLICATION NUMBER: US 09/830,693C
13 <141> CURRENT FILING DATE: 2002-01-29
15 <150> PRIOR APPLICATION NUMBER: PCT/US99/50658
16 <151> PRIOR FILING DATE: 1999-03-30
18 <150> PRIOR APPLICATION NUMBER: US 60/079,956
19 <151> PRIOR FILING DATE: 1998-03-30
21 <150> PRIOR APPLICATION NUMBER: US 60/113,146
22 <151> PRIOR FILING DATE: 1998-12-16
24 <150> PRIOR APPLICATION NUMBER: US 60/113,014
25 <151> PRIOR FILING DATE: 1998-12-16
27 <160> NUMBER OF SEQ ID NOS: 31
29 <170> SOFTWARE: PatentIn version 3.3
31 <210> SEQ ID NO: 1
32 <211> LENGTH: 5
33 <212> TYPE: PRT
34 <213> ORGANISM: Homo sapiens
37 <220> FEATURE:
38 <221> NAME/KEY: misc_feature
39 <223> OTHER INFORMATION: Xaa is any amino acid
41 <220> FEATURE:
42 <221> NAME/KEY: misc_feature
43 <222> LOCATION: (2)..(3)
44 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
46 <400> SEQUENCE: 1

W--> 48 Leu Xaa Xaa Leu Leu

49 1 5
52 <210> SEQ ID NO: 2
53 <211> LENGTH: 5
54 <212> TYPE: PRT
55 <213> ORGANISM: Homo sapiens
58 <220> FEATURE:
59 <221> NAME/KEY: misc_feature
60 <223> OTHER INFORMATION: Xaa is any amino acid
62 <220> FEATURE:
63 <221> NAME/KEY: misc_feature
64 <222> LOCATION: (2)..(3)
65 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid

RAW SEQUENCE LISTING

DATE: 05/03/2005

PATENT APPLICATION: US/09/830,693C

TIME: 13:25:36

Input Set : A:\0610400013seq.txt

Output Set: N:\CRF4\05032005\I830693C.raw

```

67 <400> SEQUENCE: 2
--> 69 Leu Xaa Xaa Met Leu
70 1 5
73 <210> SEQ ID NO: 3
74 <211> LENGTH: 5
75 <212> TYPE: PRT
76 <213> ORGANISM: Homo sapiens
78 <400> SEQUENCE: 3
80 Leu Leu Glu Met Leu
81 1 5
84 <210> SEQ ID NO: 4
85 <211> LENGTH: 13
86 <212> TYPE: PRT
87 <213> ORGANISM: Homo sapiens
89 <400> SEQUENCE: 4
91 Lys His Lys Ile Leu His Arg Leu Leu Gln Asp Ser Ser
92 1 5 10
95 <210> SEQ ID NO: 5
96 <211> LENGTH: 33
97 <212> TYPE: PRT
98 <213> ORGANISM: Homo sapiens
100 <400> SEQUENCE: 5
102 Thr Pro Ala Ile Thr Arg Val Val Asp Phe Ala Lys Lys Leu Pro Met
103 1 5 10 15
106 Phe Cys Glu Leu Pro Cys Glu Asp Gln Ile Ile Leu Leu Lys Gly Cys
107 20 25 30
110 Cys
114 <210> SEQ ID NO: 6
115 <211> LENGTH: 12
116 <212> TYPE: PRT
117 <213> ORGANISM: Homo sapiens
119 <400> SEQUENCE: 6
121 Leu Phe Pro Pro Leu Phe Leu Glu Val Phe Glu Asp
122 1 5 10
125 <210> SEQ ID NO: 7
126 <211> LENGTH: 33
127 <212> TYPE: PRT
128 <213> ORGANISM: Homo sapiens
130 <400> SEQUENCE: 7
132 Thr Pro Ala Ile Thr Arg Val Val Asp Phe Ala Lys Lys Leu Pro Met
133 1 5 10 15
136 Phe Ser Glu Leu Pro Cys Glu Asp Gln Ile Ile Leu Leu Lys Cys Cys
137 20 25 30
140 Cys
144 <210> SEQ ID NO: 8
145 <211> LENGTH: 12
146 <212> TYPE: PRT
147 <213> ORGANISM: Homo sapiens
149 <400> SEQUENCE: 8

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/830,693C

DATE: 05/03/2005

TIME: 13:25:36

Input Set : A:\0610400013seq.txt

Output Set: N:\CRF4\05032005\I830693C.raw

```

151 Leu Phe Pro Pro Leu Phe Leu Glu Val Phe Glu Asp
152 1          5          10
155 <210> SEQ ID NO: 9
156 <211> LENGTH: 33
157 <212> TYPE: PRT
158 <213> ORGANISM: Homo sapiens
160 <400> SEQUENCE: 9
162 Thr Lys Cys Ile Ile Lys Ile Val Glu Phe Ala Lys Arg Leu Pro Gly
163 1          5          10          15
166 Phe Thr Gly Leu Ser Ile Ala Asp Gln Ile Thr Leu Leu Lys Ala Ala
167          20          25          30
170 Cys
174 <210> SEQ ID NO: 10
175 <211> LENGTH: 12
176 <212> TYPE: PRT
177 <213> ORGANISM: Homo sapiens
179 <400> SEQUENCE: 10
181 Pro Met Pro Pro Leu Ile Arg Glu Met Leu Glu Asn
182 1          5          10
185 <210> SEQ ID NO: 11
186 <211> LENGTH: 33
187 <212> TYPE: PRT
188 <213> ORGANISM: Homo sapiens
190 <400> SEQUENCE: 11
192 Asp Lys Gln Leu Phe Thr Leu Val Glu Trp Ala Lys Arg Ile Pro His
193 1          5          10          15
196 Phe Ser Glu Leu Pro Leu Asp Asp Gln Val Ile Leu Leu Arg Ala Gly
197          20          25          30
200 Trp
204 <210> SEQ ID NO: 12
205 <211> LENGTH: 12
206 <212> TYPE: PRT
207 <213> ORGANISM: Homo sapiens
209 <400> SEQUENCE: 12
211 Pro Ile Asp Thr Phe Leu Met Glu Met Leu Glu Ala
212 1          5          10
215 <210> SEQ ID NO: 13
216 <211> LENGTH: 33
217 <212> TYPE: PRT
218 <213> ORGANISM: Homo sapiens
220 <400> SEQUENCE: 13
222 Val Glu Ala Val Gln Glu Ile Thr Glu Tyr Ala Lys Asn Ile Pro Gly
223 1          5          10          15
226 Phe Ile Asn Leu Asp Leu Asn Asp Gln Val Thr Leu Leu Lys Tyr Gly
227          20          25          30
230 Val
234 <210> SEQ ID NO: 14
235 <211> LENGTH: 12
236 <212> TYPE: PRT

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/830,693C

DATE: 05/03/2005

TIME: 13:25:36

Input Set : A:\0610400013seq.txt

Output Set: N:\CRF4\05032005\I830693C.raw

237 <213> ORGANISM: Homo sapiens
239 <400> SEQUENCE: 14
241 Ser Leu His Pro Leu Leu Gln Glu Ile Tyr Lys Asp
242 1 5 10
245 <210> SEQ ID NO: 15
246 <211> LENGTH: 33
247 <212> TYPE: PRT
248 <213> ORGANISM: Homo sapiens
250 <400> SEQUENCE: 15
252 Ser Tyr Ser Ile Gln Lys Val Ile Gly Phe Ala Lys Met Ile Pro Gly
253 1 5 10 15
256 Phe Arg Asp Leu Thr Ser Glu Asp Gln Ile Val Leu Leu Lys Ser Ser
257 20 25 30
260 Ala
264 <210> SEQ ID NO: 16
265 <211> LENGTH: 12
266 <212> TYPE: PRT
267 <213> ORGANISM: Homo sapiens
269 <400> SEQUENCE: 16
271 Lys Leu Thr Pro Leu Val Leu Glu Val Phe Gly Asn
272 1 5 10
275 <210> SEQ ID NO: 17
276 <211> LENGTH: 33
277 <212> TYPE: PRT
278 <213> ORGANISM: Homo sapiens
280 <400> SEQUENCE: 17
282 Asp Arg Glu Leu Val His Met Ile Asn Trp Ala Lys Arg Val Pro Gly
283 1 5 10 15
286 Phe Val Asp Leu Thr Leu His Asp Gln Val His Leu Leu Glu Cys Ala
287 20 25 30
290 Trp
294 <210> SEQ ID NO: 18
295 <211> LENGTH: 12
296 <212> TYPE: PRT
297 <213> ORGANISM: Homo sapiens
299 <400> SEQUENCE: 18
301 Pro Leu Tyr Asp Leu Leu Leu Glu Met Leu Asp Ala
302 1 5 10
305 <210> SEQ ID NO: 19
306 <211> LENGTH: 33
307 <212> TYPE: PRT
308 <213> ORGANISM: Homo sapiens
310 <400> SEQUENCE: 19
312 Gly Arg Gln Val Ile Ala Ala Val Lys Trp Ala Lys Ala Ile Pro Gly
313 1 5 10 15
316 Phe Arg Asn Leu His Leu Asp Asp Gln Met Thr Leu Leu Glu Tyr Ser
317 20 25 30
320 Trp
324 <210> SEQ ID NO: 20

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/830,693C

DATE: 05/03/2005

TIME: 13:25:36

Input Set : A:\0610400013seq.txt

Output Set: N:\CRF4\05032005\I830693C.raw

```
325 <211> LENGTH: 12
326 <212> TYPE: PRT
327 <213> ORGANISM: Homo sapiens
329 <400> SEQUENCE: 20
331 Glu Phe Pro Glu Met Leu Ala Glu Ile Ile Thr Asn
332 1 5 10
335 <210> SEQ ID NO: 21
336 <211> LENGTH: 33
337 <212> TYPE: PRT
338 <213> ORGANISM: Homo sapiens
340 <400> SEQUENCE: 21
342 Glu Arg Gln Leu Leu Ser Val Val Lys Trp Ser Lys Ser Leu Pro Gly
343 1 5 10 15
346 Phe Arg Asn Leu His Ile Asp Asp Gln Ile Thr Leu Ile Gln Tyr Ser
347 20 25 30
350 Trp
354 <210> SEQ ID NO: 22
355 <211> LENGTH: 12
356 <212> TYPE: PRT
357 <213> ORGANISM: Homo sapiens
359 <400> SEQUENCE: 22
361 Glu Phe Pro Glu Met Met Ser Glu Val Ile Ala Ala
362 1 5 10
365 <210> SEQ ID NO: 23
366 <211> LENGTH: 33
367 <212> TYPE: PRT
368 <213> ORGANISM: Homo sapiens
370 <400> SEQUENCE: 23
372 Gly Lys Gln Met Ile Gln Val Val Lys Trp Ala Lys Val Leu Pro Gly
373 1 5 10 15
376 Phe Lys Asn Leu Pro Leu Glu Asp Gln Ile Thr Leu Ile Gln Tyr Ser
377 20 25 30
380 Trp
384 <210> SEQ ID NO: 24
385 <211> LENGTH: 12
386 <212> TYPE: PRT
387 <213> ORGANISM: Homo sapiens
389 <400> SEQUENCE: 24
391 Glu Phe Pro Ala Met Leu Val Glu Ile Ile Ser Asp
392 1 5 10
395 <210> SEQ ID NO: 25
396 <211> LENGTH: 33
397 <212> TYPE: PRT
398 <213> ORGANISM: Homo sapiens
400 <400> SEQUENCE: 25
402 Glu Arg Gln Leu Val His Val Val Lys Trp Ala Lys Ala Leu Pro Gly
403 1 5 10 15
406 Phe Arg Asn Leu His Val Asp Asp Gln Met Ala Val Ile Gln Tyr Ser
407 20 25 30
```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/830,693C

DATE: 05/03/2005
TIME: 13:25:37

Input Set : A:\0610400013seq.txt
Output Set: N:\CRF4\05032005\I830693C.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. C2,3
Seq#:2; Xaa Pos. 2,3

VERIFICATION SUMMARY

DATE: 05/03/2005

PATENT APPLICATION: **US/09/830,693C**

TIME: 13:25:37

Input Set : **A:\0610400013seq.txt**

Output Set: **N:\CRF4\05032005\I830693C.raw**

L:48 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:69 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0